MCI Communications Corporation

1801 Pennsylvania Avenue, NW
Washington, DC 20006

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September 4, 1998

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Magalie Roman Salas, Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: Ex Parte Submission
Federal-State Joint Board on Universal Service; CC Docket No. 96-45
Forward-Looking Mechanism for High Cost Support for Non-Rural LECs; CC Docket No. 97-160

Dear Ms. Salas:

I met today with Craig Brown, Katie King, Dick Kwiatkowski, and Richard Smith of the Commission staff to discuss differences in the default values for placement costs in the HAI and Benchmark Cost Proxy (BCPM) models. The attached material served as the basis of the discussion. As can be seen from that material, the two models have similar per foot costs in the low density zones for the several activities involved in placing underground plant - trenching, backfilling, cutting and restoring the surface. However, in the higher density zones, the HAI model has higher costs for several of the activities. In addition, the HAI model includes explicitly the cost of conduit placement and stabilization. Finally, the HAI and BCPM default inputs reflect different percentages of the various activities. Thus, for example, the two models reflect different estimates of the number of times that cutting and restoring of the surface will be necessary.

Please associate these materials with the record in the above captioned docket.

Respectfully submitted,

Chris Frentrup

Chris Frentrup
Senior Regulatory Analyst
MCI Telecommunications Corp.
1801 Pennsylvania Ave., NW
Washington, DC 20006
(202) 887-2731

cc: Craig Brown, Katie King, Dick Kwiatkowski, Richard Smith

	Cost/Foot			Fraction - Zone 1		Fraction - Zone 9	
	BCPM	HAI - Zone 1	HAI - Zone 9	BCPM	HAI	BCPM	HAI
Trench	NA	1.90	6.00		54%		16%
Backfill	NA	0.15	0.15		34%		2%
Trench & Backfill	2.27	2.05	6.15	75%	NA	3%	NA
Rocky Trench	4.22	NA	NA	0%	NA	0%	NA
Backhoe Trench	2.70	3.00	30.00	17%	45%	15%	72%
Hand Dig Trench	4.99	5.00	18.00	2%	1%	8%	12%
Boring	11.80	NA	NA	2%	NA	10%	NA
Cut & Restore Asphalt	8.72	6.00	30.00	1%	55%	33%	82%
Cut & Restore Concrete	9.63	9.00	36.00	1%	10%	26%	16%
Cut & Restore Sod	3.75	1.00	1.00	2%	1%	3%	0%
Conduit Placement&Stabilization							
Pavement	NA	5.00	20.00	NA	65%	NA	98%
Dirt	NA	1.00	16.00	NA	35%	NA	2%
Weighted Total Cost				2.76	10.29	7.74	75.00

6. EXCAVATION AND RESTORATION

6.1. UNDERGROUND EXCAVATION

Definition: The cost per foot to dig a trench in connection with building an underground conduit system to facilitate the placement of underground cables. Cutting the surface, placing the 4" PVC conduit pipes, backfilling the trench with appropriately screened fill, and restoring surface conditions is covered in the following section titled, "Underground Restoration Cost per Foot". These two sections do not include the material cost of the PVC conduit pipe, which is covered under "Conduit Material Investment per foot", and is affected by the number of cables placed in a conduit run, and the number of "Spare tubes per Route."

Default Values:

Underground Excavation Costs per Foot						
Density	Normal Trenching		Backhoe		Hand Trench	
Range	Fraction	Per Foot	Fraction	Per Foot	Fraction	Per Foot
0-5	54%	$1.90	45%	$3.00	1%	$5.00
5-100	54%	$1.90	45%	$3.00	1%	$5.00
100-200	54%	$1.90	45%	$3.00	1%	$5.00
200-650	52%	$1.90	45%	$3.00	3%	$5.00
650-850	52%	$1.95	45%	$3.00	3%	$5.00
850-2,550	50%	$2.15	45%	$3.00	5%	$5.00
2,550-5,000	35%	$2.15	55%	$3.00	10%	$5.00
5,000-10,000	23%	$6.00	67%	$20.00	10%	$10.00
10,000+	16%	$6.00	72%	$30.00	12%	$18.00

Note: Fraction % for Trenching is the fraction remaining after subtracting Backhoe % & Trench %.

Support: See discussion in Section 6.2.

6.2. UNDERGROUND RESTORATION

Definition: The cost per foot to cut the surface, place the 4" PVC conduit pipes, backfill the trench with appropriately screened fill, and restore surface conditions. Digging a trench in connection with building an underground conduit system to facilitate the placement of underground cables is covered in the preceding section titled, "Underground Excavation Cost per Foot". These two sections do not include the material cost of the PVC conduit pipe, which is covered under "Conduit Material Investment per foot", and is affected by the number of cables placed in a conduit run, and the number of "Spare tubes per Route."

Default Values:

Underground Restoration Costs per Foot												
	Cut/Restore Asphalt		Cut/Restore Concrete		Cut/Restore Sod		Simple Backfill		Conduit Placement & Stabilization			
Density Range	Fraction	Per Foot	Fraction	Per Foot	Fraction	Per Foot	Fraction	Per Foot	Fraction	Pavement/ft	Fraction	Dirt/ft
0-5	55%	$6.00	10%	$9.00	1%	$1.00	34%	$0.15	65%	$5.00	35%	$1.00
5-100	55%	$6.00	10%	$9.00	1%	$1.00	34%	$0.15	65%	$5.00	35%	$1.00
100-200	55%	$6.00	10%	$9.00	1%	$1.00	34%	$0.15	65%	$5.00	35%	$1.00
200-650	65%	$6.00	10%	$9.00	3%	$1.00	22%	$0.15	75%	$5.00	25%	$1.00
650-850	70%	$6.00	10%	$9.00	4%	$1.00	16%	$0.15	80%	$5.00	20%	$1.00
850-2,550	75%	$6.00	10%	$9.00	6%	$1.00	9%	$0.15	85%	$9.00	15%	$4.00
2,550-5,000	75%	$6.00	15%	$9.00	4%	$1.00	6%	$0.15	90%	$13.00	10%	$11.00
5,000-10,000	80%	$18.00	15%	$21.00	2%	$1.00	3%	$0.15	95%	$17.00	5%	$12.00
10,000+	82%	$30.00	16%	$36.00	0%	$1.00	2%	$0.15	98%	$20.00	2%	$16.00

Note: Fraction % for Simple Backfill is the fraction remaining after subtracting Asphalt % & Concrete % & Sod %. Fraction % for Conduit Placement & Stabilization for Pavement is Asphalt % + Concrete %. Dirt is Sod % + Simple Backfill %

Support: The costs reflect a mixture of different types of placement activities.

Note: Use of underground conduit structure for distribution should be infrequent, especially in the lower density zones. Although use of conduit for distribution cable in lower density zones is not expected, default prices are shown, should a user elect to change parameters for percent underground, aerial, and buried structure allowed by the HM 5.0 model structure.

A compound weighted cost for conduit excavation, placement and restoral can be calculated by multiplying the individual columns shown above and in the immediately preceding section, "Underground Excavation Costs per Foot". Performing such calculations using the default values shown would provide the following composite costs by density zone.

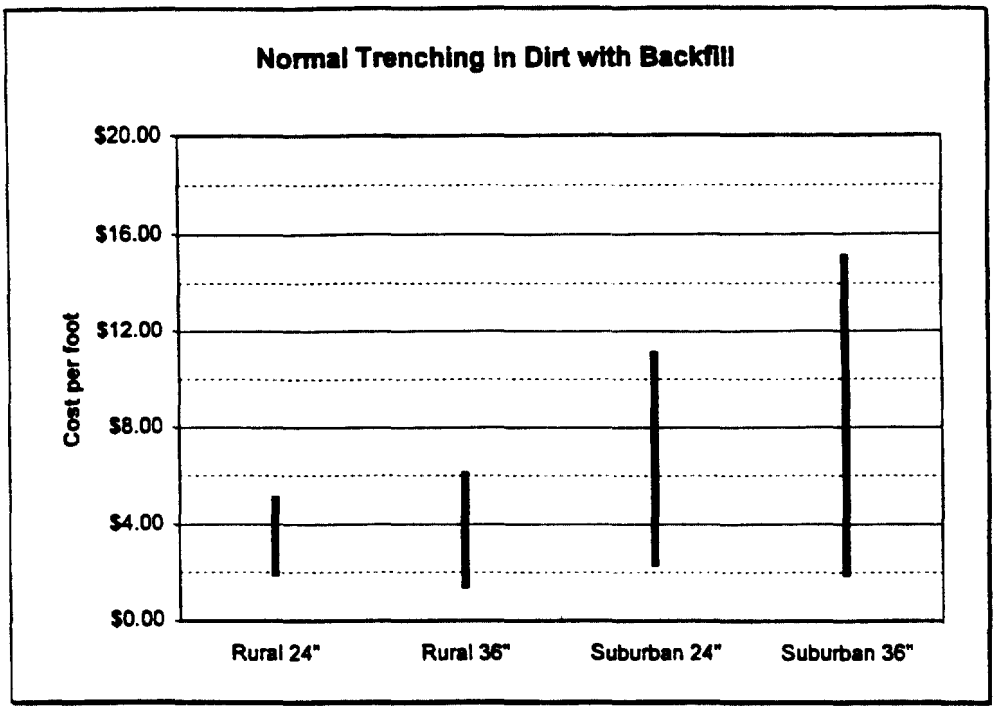
The percentages for Underground Excavation Costs total to 100%, for Restoration (Asphalt + Concrete + Sod + Simple Backfill) total to 100%, and for Conduit Placement & Stabilization total to 100%, since each is a discrete function.

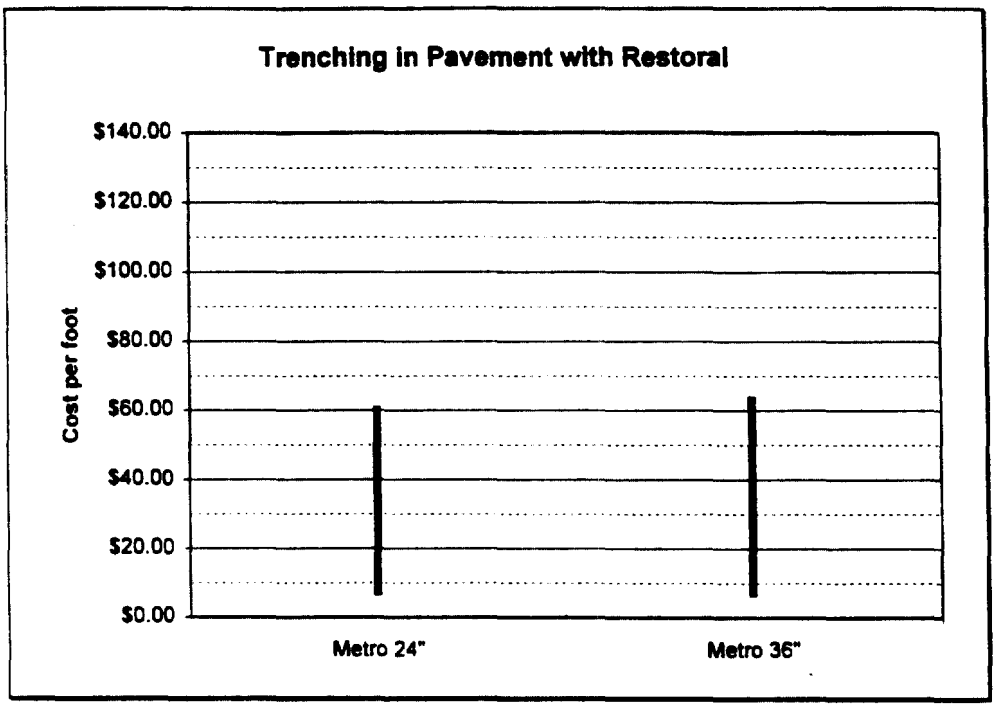
Underground Excavation, Restoration, and Conduit Placement Cost per Foot	
Density Zone	Cost Per Foot
0-5	$10.29
5-100	$10.29
100-200	$10.29
200-650	$11.35
650-850	$11.88
850-2,550	$16.40
2,550-5,000	$21.60
5,000-10,000	$50.10
10,000+	$75.00

Costs for various trenching methods were estimated by a team of experienced outside plant experts. Additional information was obtained from printed resources[56]. Still other information was provided by several contractors who routinely perform excavation, conduit, and manhole placement work for telephone companies. Results of those inquiries are revealed in the following charts. Note that this survey demonstrates that costs do not vary significantly between buried placements at 24" underground versus 36" underground. Therefore the Hatfield Model assumes an average placement depth ranging from 24" to 36", averaging 30".

Conduit placement cost is essentially the same, whether the conduit is used to house distribution cable, feeder cable, interoffice cable, or other telecommunication carrier cable, including CATV.

[56] Martin D. Kiley and Marques Allyn, eds., *1997 National Construction Estimator 45th Edition*, pp. 12-15.


Normal Trenching in Dirt with Backfill
$20.00
$16.00
$12.00
$8.00
$4.00
$0.00
Cost per foot
Rural 24"
Rural 36"
Suburban 24"
Suburban 36"


Trenching in Pavement with Restoral
$140.00
$120.00
$100.00
$80.00
$60.00
$40.00
$20.00
$0.00
Cost per foot
Metro 24"
Metro 36"

BCPM Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 2.27		75.00%	100.00%	$ 1.70	$ 0.11	71.00%	97.50%	$ 1.65
Rocky Trench	$ 4.22		0.00%	100.00%	$ -	$ 0.15	0.00%	97.50%	$ -
Backhoe Trench	$ 2.70		17.00%	100.00%	$ 0.46	$ 0.17	19.00%	97.50%	$ 0.53
Hand Dig Trench	$ 4.99		2.00%	100.00%	$ 0.10	$ 0.25	2.00%	97.50%	$ 0.10
Boring	$ 11.80		2.00%	100.00%	$ 0.24	$ 0.37	2.00%	97.50%	$ 0.24
Cut & Restore Asphalt	$ 8.72		1.00%	100.00%	$ 0.09	$ 0.18	2.00%	97.50%	$ 0.17
Cut & Restore Concrete	$ 9.63		1.00%	100.00%	$ 0.10	$ 0.16	2.00%	97.50%	$ 0.19
Cut & Restore Sod	$ 3.75		2.00%	100.00%	$ 0.08	$ 0.17	2.00%	97.50%	$ 0.08
			100.00%		$ 2.76		100.00%		$ 2.96

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 2.27	$ -	87.00%	100.00%	$ 1.97	$ 0.11	71.00%	95.00%	$ 1.61
Rocky Trench	$ 4.22	$ -	0.00%	100.00%	$ -	$ 0.15	0.00%	95.00%	$ -
Backhoe Trench	$ 2.70	$ -	5.00%	100.00%	$ 0.14	$ 0.17	19.00%	95.00%	$ 0.52
Hand Dig Trench	$ 4.99	$ -	2.00%	100.00%	$ 0.10	$ 0.25	2.00%	95.00%	$ 0.10
Boring	$ 11.80	$ -	2.00%	100.00%	$ 0.24	$ 0.37	2.00%	95.00%	$ 0.23
Cut & Restore Asphalt	$ 8.72	$ -	1.00%	100.00%	$ 0.09	$ 0.18	2.00%	95.00%	$ 0.17
Cut & Restore Concrete	$ 9.63	$ -	1.00%	100.00%	$ 0.10	$ 0.16	2.00%	95.00%	$ 0.19
Cut & Restore Sod	$ 3.75	$ -	2.00%	100.00%	$ 0.08	$ 0.17	2.00%	95.00%	$ 0.07
			100.00%		$ 2.70		100.00%		$ 2.88

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 1.14		96.00%	100.00%	$ 1.09	$ 0.02	78.00%	100.00%	$ 0.90
Rocky Plow	$ 1.37		0.00%	100.00%	$ -	$ 0.03	0.00%	100.00%	$ -
Trench & Backfill	$ 2.27		0.00%	100.00%	$ -	$ 0.11	10.00%	97.50%	$ 0.23
Rocky Trench	$ 4.22		0.00%	100.00%	$ -	$ 0.15	0.00%	97.50%	$ -
Backhoe Trench	$ 2.70		0.00%	100.00%	$ -	$ 0.17	5.00%	97.50%	$ 0.14
Hand Dig Trench	$ 4.99		0.00%	100.00%	$ -	$ 0.25	1.00%	97.50%	$ 0.05
Bore Cable	$ 11.80		0.00%	100.00%	$ -	$ 0.37	0.00%	97.50%	$ -
Push Pipe & Pull Cable	$ 6.80		0.00%	100.00%	$ -	$ 0.30	0.00%	97.50%	$ -
Cut & Restore Asphalt	$ 8.72		1.00%	100.00%	$ 0.09	$ 0.18	2.00%	97.50%	$ 0.17
Cut & Restore Concrete	$ 9.63		1.00%	100.00%	$ 0.10	$ 0.16	2.00%	97.50%	$ 0.19
Cut & Restore Sod	$ 3.75		2.00%	100.00%	$ 0.08	$ 0.17	2.00%	97.50%	$ 0.08
			100.00%		$ 1.35		100.00%		$ 1.77

BCPM Structure Inputs

DENSITY 101-200				DENSITY 201-650			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.21	46.00%	95.00%	$ 1.08	$ 0.32	35.00%	92.50%	$ 0.84
$ 0.30	0.00%	95.00%	$ -	$ 0.45	0.00%	92.50%	$ -
$ 0.34	30.00%	95.00%	$ 0.87	$ 0.51	33.00%	92.50%	$ 0.98
$ 0.50	5.00%	95.00%	$ 0.26	$ 0.75	3.00%	92.50%	$ 0.16
$ 0.73	4.00%	95.00%	$ 0.48	$ 1.10	4.00%	92.50%	$ 0.48
$ 0.37	5.00%	95.00%	$ 0.43	$ 0.55	8.00%	92.50%	$ 0.69
$ 0.33	4.00%	95.00%	$ 0.38	$ 0.50	7.00%	92.50%	$ 0.66
$ 0.33	6.00%	95.00%	$ 0.23	$ 0.50	10.00%	92.50%	$ 0.39
	100.00%		$ 3.73		100.00%		$ 4.19

DENSITY 101-200				DENSITY 201-650			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.21	60.00%	90.00%	$ 1.34	$ 0.32	45.00%	80.00%	$ 0.93
$ 0.30	0.00%	90.00%	$ -	$ 0.45	0.00%	80.00%	$ -
$ 0.34	18.00%	90.00%	$ 0.49	$ 0.51	23.00%	80.00%	$ 0.59
$ 0.50	5.00%	90.00%	$ 0.25	$ 0.75	3.00%	80.00%	$ 0.14
$ 0.73	2.00%	90.00%	$ 0.23	$ 1.10	4.00%	80.00%	$ 0.41
$ 0.37	5.00%	90.00%	$ 0.41	$ 0.55	8.00%	80.00%	$ 0.59
$ 0.33	4.00%	90.00%	$ 0.36	$ 0.50	7.00%	80.00%	$ 0.57
$ 0.33	6.00%	90.00%	$ 0.22	$ 0.50	10.00%	80.00%	$ 0.34
	100.00%		$ 3.29		100.00%		$ 3.57

DENSITY 101-200				DENSITY 201-650			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.04	60.00%	100.00%	$ 0.71	$ 0.06	33.00%	100.00%	$ 0.40
$ 0.07	0.00%	100.00%	$ -	$ 0.10	0.00%	100.00%	$ -
$ 0.21	10.00%	95.00%	$ 0.24	$ 0.32	20.00%	92.50%	$ 0.48
$ 0.30	0.00%	95.00%	$ -	$ 0.45	0.00%	92.50%	$ -
$ 0.34	6.00%	95.00%	$ 0.17	$ 0.51	10.00%	92.50%	$ 0.30
$ 0.50	5.00%	95.00%	$ 0.26	$ 0.75	3.00%	92.50%	$ 0.16
$ 0.73	3.00%	95.00%	$ 0.36	$ 1.10	4.00%	92.50%	$ 0.48
$ 0.59	1.00%	95.00%	$ 0.07	$ 0.89	5.00%	92.50%	$ 0.36
$ 0.37	5.00%	95.00%	$ 0.43	$ 0.55	8.00%	92.50%	$ 0.69
$ 0.33	4.00%	95.00%	$ 0.38	$ 0.50	7.00%	92.50%	$ 0.66
$ 0.33	6.00%	95.00%	$ 0.23	$ 0.50	10.00%	92.50%	$ 0.39
	100.00%		$ 2.85		100.00%		$ 3.90

BCPM Structure Inputs

DENSITY 651-850				DENSITY 851-2550			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.42	27.00%	90.00%	$ 0.65	$ 0.42	27.00%	90.00%	$ 0.65
$ 0.61	0.00%	90.00%	$ -	$ 0.61	0.00%	90.00%	$ -
$ 0.68	30.00%	90.00%	$ 0.91	$ 0.68	30.00%	90.00%	$ 0.91
$ 1.01	6.00%	90.00%	$ 0.32	$ 1.01	6.00%	90.00%	$ 0.32
$ 1.46	2.00%	90.00%	$ 0.24	$ 1.46	2.00%	90.00%	$ 0.24
$ 0.73	13.00%	90.00%	$ 1.11	$ 0.73	13.00%	90.00%	$ 1.11
$ 0.67	12.00%	90.00%	$ 1.11	$ 0.67	12.00%	90.00%	$ 1.11
$ 0.66	10.00%	90.00%	$ 0.40	$ 0.66	10.00%	90.00%	$ 0.40
	100.00%		$ 4.74		100.00%		$ 4.74

DENSITY 651-850				DENSITY 851-2550			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.42	40.00%	80.00%	$ 0.86	$ 0.42	40.00%	80.00%	$ 0.86
$ 0.61	0.00%	80.00%	$ -	$ 0.61	0.00%	80.00%	$ -
$ 0.68	7.00%	80.00%	$ 0.19	$ 0.68	7.00%	80.00%	$ 0.19
$ 1.01	6.00%	80.00%	$ 0.29	$ 1.01	6.00%	80.00%	$ 0.29
$ 1.46	2.00%	80.00%	$ 0.21	$ 1.46	2.00%	80.00%	$ 0.21
$ 0.73	13.00%	80.00%	$ 0.98	$ 0.73	13.00%	80.00%	$ 0.98
$ 0.67	12.00%	80.00%	$ 0.99	$ 0.67	12.00%	80.00%	$ 0.99
$ 0.66	20.00%	80.00%	$ 0.71	$ 0.66	20.00%	80.00%	$ 0.71
	100.00%		$ 4.23		100.00%		$ 4.23

DENSITY 651-850				DENSITY 851-2550			
Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.08	15.00%	100.00%	$ 0.18	$ 0.08	15.00%	100.00%	$ 0.18
$ 0.14	0.00%	100.00%	$ -	$ 0.14	0.00%	100.00%	$ -
$ 0.42	26.00%	90.00%	$ 0.63	$ 0.42	26.00%	90.00%	$ 0.63
$ 0.61	0.00%	90.00%	$ -	$ 0.61	0.00%	90.00%	$ -
$ 0.68	11.00%	90.00%	$ 0.33	$ 0.68	11.00%	90.00%	$ 0.33
$ 1.01	6.00%	90.00%	$ 0.32	$ 1.01	6.00%	90.00%	$ 0.32
$ 1.46	2.00%	90.00%	$ 0.24	$ 1.46	2.00%	90.00%	$ 0.24
$ 1.18	5.00%	90.00%	$ 0.36	$ 1.18	5.00%	90.00%	$ 0.36
$ 0.73	13.00%	90.00%	$ 1.11	$ 0.73	13.00%	90.00%	$ 1.11
$ 0.67	12.00%	90.00%	$ 1.11	$ 0.67	12.00%	90.00%	$ 1.11
$ 0.66	10.00%	90.00%	$ 0.40	$ 0.66	10.00%	90.00%	$ 0.40
	100.00%		$ 4.68		100.00%		$ 4.68

BCPM Structure Inputs

DENSITY 2551-5000				DENSITY 5001-10000			
st Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
0.53	5.00%	85.00%	$ 0.12	$ 0.53	5.00%	85.00%	$ 0.12
0.76	0.00%	85.00%	$ -	$ 0.76	0.00%	85.00%	$ -
0.85	20.00%	85.00%	$ 0.60	$ 0.85	20.00%	85.00%	$ 0.60
1.26	8.00%	85.00%	$ 0.43	$ 1.26	8.00%	85.00%	$ 0.43
1.82	15.00%	85.00%	$ 1.74	$ 1.82	15.00%	85.00%	$ 1.74
0.92	25.00%	85.00%	$ 2.05	$ 0.92	25.00%	85.00%	$ 2.05
0.83	20.00%	85.00%	$ 1.78	$ 0.83	20.00%	85.00%	$ 1.78
0.84	7.00%	85.00%	$ 0.27	$ 0.84	7.00%	85.00%	$ 0.27
	100.00%		$ 6.98		100.00%		$ 6.98

DENSITY 2551-5000				DENSITY 5001-10000			
ost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
0.53	5.00%	80.00%	$ 0.11	$ 0.53	5.00%	80.00%	$ 0.11
0.76	0.00%	80.00%	$ -	$ 0.76	0.00%	80.00%	$ -
0.85	19.00%	80.00%	$ 0.54	$ 0.85	19.00%	80.00%	$ 0.54
1.26	8.00%	80.00%	$ 0.40	$ 1.26	8.00%	80.00%	$ 0.40
1.82	15.00%	80.00%	$ 1.63	$ 1.82	15.00%	80.00%	$ 1.63
0.92	25.00%	80.00%	$ 1.93	$ 0.92	25.00%	80.00%	$ 1.93
0.83	20.00%	80.00%	$ 1.67	$ 0.83	20.00%	80.00%	$ 1.67
0.84	8.00%	80.00%	$ 0.29	$ 0.84	8.00%	80.00%	$ 0.29
	100.00%		$ 6.58		100.00%		$ 6.58

DENSITY 2551-5000				DENSITY 5001-10000			
ost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.10	0.00%	100.00%	$ -	$ 0.10	0.00%	100.00%	$ -
$ 0.17	0.00%	100.00%	$ -	$ 0.17	0.00%	100.00%	$ -
$ 0.53	5.00%	85.00%	$ 0.12	$ 0.53	5.00%	85.00%	$ 0.12
$ 0.76	0.00%	85.00%	$ -	$ 0.76	0.00%	85.00%	$ -
$ 0.85	20.00%	85.00%	$ 0.60	$ 0.85	20.00%	85.00%	$ 0.60
$ 1.26	8.00%	85.00%	$ 0.43	$ 1.26	8.00%	85.00%	$ 0.43
$ 1.82	15.00%	85.00%	$ 1.74	$ 1.82	15.00%	85.00%	$ 1.74
$ 1.47	0.00%	85.00%	$ -	$ 1.47	0.00%	85.00%	$ -
$ 0.92	25.00%	85.00%	$ 2.05	$ 0.92	25.00%	85.00%	$ 2.05
$ 0.83	20.00%	85.00%	$ 1.78	$ 0.83	20.00%	85.00%	$ 1.78
$ 0.84	7.00%	85.00%	$ 0.27	$ 0.84	7.00%	85.00%	$ 0.27
	100.00%		$ 6.98		100.00%		$ 6.98

BCPM Structure Inputs

DENSITY >10001			
Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.59	3.00%	85.00%	$ 0.07
$ 0.84	0.00%	85.00%	$ -
$ 0.94	15.00%	85.00%	$ 0.46
$ 1.40	8.00%	85.00%	$ 0.43
$ 2.02	10.00%	85.00%	$ 1.17
$ 1.02	33.00%	85.00%	$ 2.73
$ 0.93	28.00%	85.00%	$ 2.51
$ 0.93	3.00%	85.00%	$ 0.12
	100.00%		$ 7.51

DENSITY >10001			
Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.59	3.00%	80.00%	$ 0.07
$ 0.84	0.00%	80.00%	$ -
$ 0.94	15.00%	80.00%	$ 0.44
$ 1.40	8.00%	80.00%	$ 0.41
$ 2.02	10.00%	80.00%	$ 1.11
$ 1.02	33.00%	80.00%	$ 2.57
$ 0.93	28.00%	80.00%	$ 2.37
$ 0.93	3.00%	80.00%	$ 0.11
	100.00%		$ 7.07

DENSITY >10001			
Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
$ 0.11	0.00%	100.00%	$ -
$ 0.19	0.00%	100.00%	$ -
$ 0.59	3.00%	85.00%	$ 0.07
$ 0.84	0.00%	85.00%	$ -
$ 0.94	15.00%	85.00%	$ 0.46
$ 1.40	8.00%	85.00%	$ 0.43
$ 2.02	10.00%	85.00%	$ 1.17
$ 1.64	0.00%	85.00%	$ -
$ 1.02	33.00%	85.00%	$ 2.73
$ 0.93	28.00%	85.00%	$ 2.51
$ 0.93	3.00%	85.00%	$ 0.12
	100.00%		$ 7.51